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PTO/SB/81 (09-03)

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**POWER OF ATTORNEY
and
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INDICATION FORM**

Application Number	09/802,590
Filing Date	03/09/2001
First Named Inventor	John Santhoff
Title	ENCODING AND DECODING ULTRA-WIDEBAND ...
Art Unit	2631
Examiner Name	Kevin M. Burd
Attorney Docket Number	021-4

I hereby appoint:

 Practitioners associated with the Customer Number:

OR

 Practitioner(s) named below:

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MAY 12 2004

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Name	Registration Number
Peter R. Martinez	42,845
Steven A. Moore	55,462

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

OR

 The address associated with Customer Number:

OR

<input checked="" type="checkbox"/>	Firm or Individual Name	Peter R. Martinez			
Address	c/o Pulse-LINK, Inc				
Address	1969 Kellogg Avenue				
City	Carlsbad	State	CA	Zip	92008
Country	USA				
Telephone	760-607-084	Fax	760-607-0861		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	John Santhoff, CEO Pulse-LINK, Inc.		
Signature			
Date	May 3, 2004	Telephone	760-607-0844

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/96 (08-03)

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Pulse~LINK, Inc.

Application No./Patent No.: 09/802,590 Filed/Issue Date: 03/09/2001

Entitled: ENCODING AND DECODING ULTRA-WIDEBAND INFORMATION

Pulse~LINK, Inc. a Delaware Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or

2. an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [v] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Inventors To: Pulse~LINK, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel 012099, Frame 0435, or for which a copy thereof is attached.

2. From: a To:

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: To:

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

05/03/04

John Santhoff

Date

Typed or printed name

760-607-0844

Signature

Telephone number

CEO, Pulse~LINK, Inc.

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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